

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Hong Gui, Ambuj Shatdal, And § Group Art Unit:  
Curt J. Ellmann  
Serial No.: §  
Filed: § Examiner:  
For: Maintaining Views Of Cube-Based § Atty. Dkt. No.: 11166 (NCR.0114US)  
Operations In A Database System §

Mail Stop Patent Applications  
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INFORMATION DISCLOSURE STATEMENT


Dear Sir:

Applicant submits the references listed on the attached form PTO 1449 together with any required copies of such references.

This statement is being filed with the application. Please apply any charges and/or credits to Deposit Account No. 50-1673 (11166).

Respectfully submitted,

Date: Nov. 11, 2003

  
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Date: November 11, 2003

<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)	ATTY DOCKET NO. 11166 (NCR.0114US)	SERIAL NO.
	APPLICANT(S): HONG GUI, AMBUJ SHATDAL, AND CURT J. ELLMANN	
	FILING DATE:	GROUP ART UNIT:

<b>U.S. PATENT DOCUMENTS</b>
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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A.					
	B.					
	C.					
	D.					
	E.					
	F.					
	G.					
	H.					

<b>FOREIGN PATENT DOCUMENTS</b>
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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO
I.						
J.						
K.						
L.						
M.						

<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>
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N.	Inderpal Singh Mumick et al., "Maintenance of Data Cubes and Summary Tables in a Warehouse," Proceedings of SIGMOD '97, AZ, USA, pp. 100-111 (1997).
O.	Frank Dehne et al., "Computing Partial Data Cubes for Parallel Data Warehousing Applications," 8 pages (2001).
P.	Sunita Sarawagi, "On Computing the Data Cube," pp. 1-18 (1996).
Q.	Jim Gray et al., "Data Cube: A Relational Aggregation Operator Generalizing Group-By, Cross-Tab, and Sub-Totals," pp. 1-9 (1995)
R.	Rajiv Tewari, "Optimizing Cube Performance with OLAP Services: Processing times for each storage type," pp. 1-4, printed from <a href="http://www.sqlmag.com">http://www.sqlmag.com</a> (as early as September 2000).
S.	Rajiv Tewari, "Optimizing Cube Performance with OLAP Services: These test results reveal concrete steps you can take to improve multidimensional database performance," pp. 1-3, (as early as September 2000).
T.	IBM Redbooks, "DB2 OLAP Server Theory and Practices," pp. 1-263 (2001).

EXAMINER	DATE CONSIDERED
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.